

香港细辛属一新种

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A NEW SPECIES OF *ASARUM* FROM HONGKONG

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Abstract One new species of the genus *Asarum* (Aristolochiaceae) is described from Hongkong, i.e. *Asarum hongkongense* S. M. Hwang et T. P. Wong Siu.

Kew words *Asarum*; *Asarum hongkongense*

关键词 细辛属; 香港细辛

香港细辛 新种 图 1

Asarum hongkongense S. M. Hwang et T. P. Wong Siu, sp. nov.

Affinis *A. ichangensi* C. Y. Cheng et C. S. Yang, sed foliis subcoriaceis petiolisque glaberrimis supra lucidis, perianthii fauce leviter constricta, intus sine annulo membranaceo, tubo intus valde elevato longitudinaliter papillato-rugoso differt.

Herba perennis, rhizomate elongato, c. 3 mm diam. radicibus paullo carnosius, 2 mm diam. Folia subcoriacea ovato-cordata vel ovata, 6—11 cm longa, 5—8 cm lata, apice acuta vel apiculata, basi profunde cordata, lobis semi-orbiculatis, plus minusve divaricatis, 1.5 cm longis, 2—3.5 cm lata, margine revoluta, ciliis basi incrassatis vel interdum serrulatis instructa, utraque facie glabra, supra lucida; nervis basalibus 7, in sicco supra impressis, subtus conspicue elevatis; petiolo 12—30 cm longo glabro. Cataphylla ovata, c. 1 cm longa, 6 mm lata, margine ciliata. Flos solitarius viridipurpureus; pedicello erecto e basi petioli oriundo glabro, 1.5—4 cm longo. Perianthium fauce leviter contracta, intus annulo membraceo destituta, tubo late ovoideo vel subgloboseo, basi cuneato extus glabro leviter laevi, intus glabro, valde elevate longitudinaliter papillato-rugoso, limbo patente 3-lobato, lobis late ovatis, c. 1.5 cm longis, c. 1.2 cm latis, basi circum orem intus atro-purpureo-verrucosis subtus glabris laevibus. Stamina 12, prope ovarii basin inserta, filamentis antheris brevioribus, antheris 2-locularibus extrorsis longitudinaliter dehiscentibus; connectivis apice plus minus productis, partibus productis 0.5 mm longis, paullo obtusis. Ovarium fere superum cum stylo 8 mm longum, stylis 6, erectis, apice leviter 2-lobatis, stigmatibus ovoideis, paullo lateralibus vel subterminalibus. Capsula ignota.

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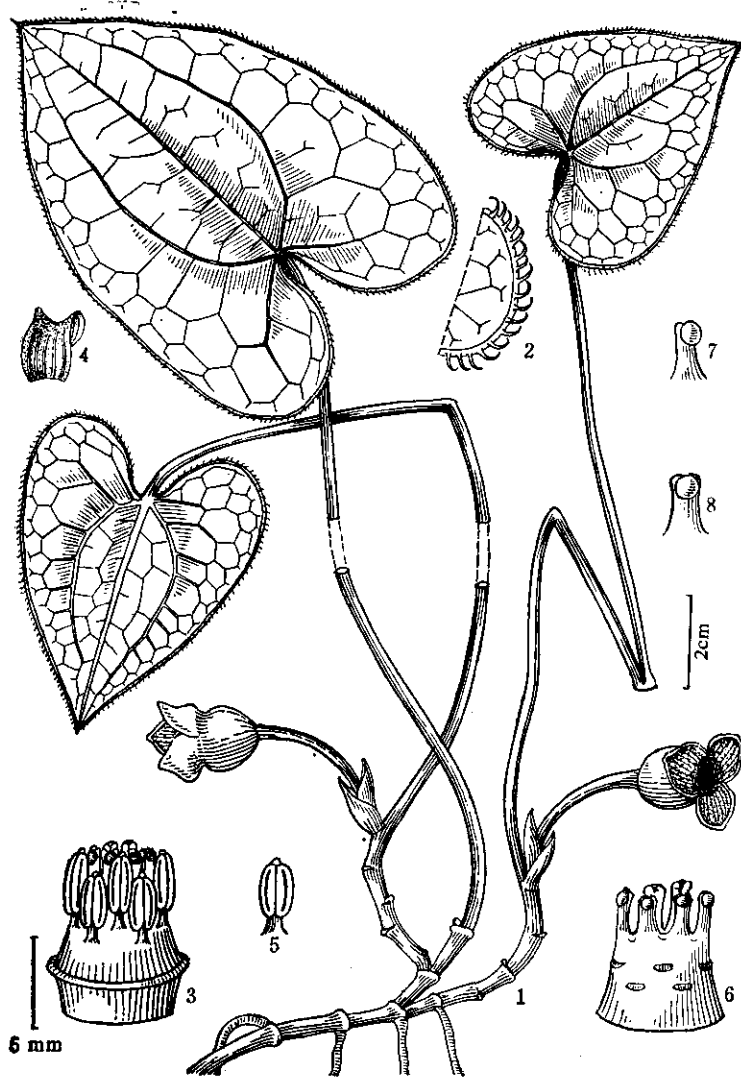


图1 香港细辛 *Asarum hongkongense* 1. 植株 plant; 2. 叶片一部分 a part of leaf; 3. 花去花被, 示雌蕊和雄蕊 pistil and stamen, with perianth removed; 4. 花被筒一部分 a part of perianth-tube; 5. 雄蕊 stamen; 6. 雌蕊 pistil; 7—8. 花柱和柱头侧面和背面观 lateral and dorsal views of style and stigma (余汉平绘)

Hongkong (香港): Daiyu Shan (大屿山), alt. 500 m, in silvis, 1983. 02. 27. P. Chow (邹平) s. n., Herb. Hongk. n. 34402 (Typus, HK; Isotypus, SCBI); *ibid.* loc. (同地) alt. 750 m. 1988. 04. 17 T. Chen (陈德昭) n. 5.

多年生草本, 根状茎延长, 直径约 3 mm, 根稍肉质, 直径约 2 mm。叶近革质, 卵状心形或卵形, 长 6—11 cm, 宽 5—8 cm, 顶端急尖或具短尖头, 基部深心形, 裂片半圆形, 多少分开, 长 1.5 cm, 宽 2—3.5 cm, 边缘稍背卷, 密被缘毛, 毛基部稍增粗或有时具细锯齿, 两面无毛, 上面光亮; 叶柄无毛, 长 12—30 cm; 叶脉基出, 7 条, 干时上面凹入, 下面

明显隆起。芽苞叶卵形,长约 1 cm,宽约 6 mm,具缘毛。花单生,紫绿色;花梗直,从叶柄基部长出,无毛,长 1.5—4 cm。花被喉部多少缢缩,内面无膜环,筒部阔卵形或近球形,基部楔形,外面无毛,稍平滑,内面无毛,具隆起纵向疣状皱纹,檐部开展,3 裂,裂片阔卵形,长约 1.5 cm,宽约 1.2 cm,基部近喉部内面具深紫色疣状皱纹,背面无毛,平滑。雄蕊 12,着生于子房近基部,花丝较花药短,花药外向,2 室,纵裂,药隔顶端稍突出,突出部分长约 0.5 mm,稍钝。子房近上位,和花柱共长 8 mm,花柱 6,直立,顶端稍 2 裂,柱头卵形,稍侧生或近顶生。蒴果未见。

本种与小叶马蹄香 *A. ichangense* C. Y. Cheng et C. S. Yang 相似,但区别点在于叶片近革质,和叶柄均无毛,上面光亮,花被喉部稍缢缩,内面无膜环,花被筒具隆起纵向疣状皱纹。